



501.39395X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): J. HAYAKAWA, et al
Serial No.: 09/741,804
Filed: December 22, 2000
For: MAGNETORESISTIVE SENSOR
Group: 2652
Examiner: C. Renner

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 5, 2005

Sir:

In the matter of the above-identified application, applicants are submitting herewith with the accompanying RCE, a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents as listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted within three months of the filing date and with the following certification specified in 37 CFR 1.97(e).

On information and belief, I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

To the extent the documents listed on the attached form equivalent to Form PTO-

1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language version Abstract or an English language patent family member.

It is respectfully requested that this information disclosure statement and the listed documents be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 501.39395X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

A handwritten signature in cursive script, appearing to read 'Melvin Kraus', is written over a horizontal line.

Melvin Kraus
Registration No. 22,466

MK/jla
(703) 312-6600
Attachments

Form PTO-1449 Equivalent	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 501.39395X00	SERIAL NO. 09/741,804
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT HAYAKAWA	
		FILING DATE December 22, 2000	GROUP 2652

**U.S. PATENT DOCUMENTS**

Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
AA	6,369,993	4/2002	Hayashi			
AB	5,999,378	12/1999	Saito			
AC						
AD						
AE						
AF						
AG						
AH						

U.S. PATENT APPLICATIONS

	Publication Number	Name	Publication Date
AI			
AJ			
AK			
AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
AM	2000-276710	10/2000	Japan			Abstract	
AN	2970590		Japan			Corresponds to Document AA	
AO	10-198923	7/98	Japan			Corresponds to Document AB	
AP							
AQ							

OTHER DOCUMENTS

AR	
AS	
AT	
Examiner	Date Considered